

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssspta1600cxc

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 SEP 09 CA/Caplus records now contain indexing from 1907 to the
present
NEWS 4 AUG 05 New pricing for EUROPATFULL and PCTFULL effective
August 1, 2003
NEWS 5 AUG 13 Field Availability (/FA) field enhanced in BEILSTEIN
NEWS 6 AUG 18 Data available for download as a PDF in RDISCLOSURE
NEWS 7 AUG 18 Simultaneous left and right truncation added to PASCAL
NEWS 8 AUG 18 FROSTI and KOSMET enhanced with Simultaneous Left and Right
Truncation
NEWS 9 AUG 18 Simultaneous left and right truncation added to ANABSTR
NEWS 10 SEP 22 DIPPR file reloaded
NEWS 11 SEP 25 INPADOC: Legal Status data to be reloaded
NEWS 12 SEP 29 DISSABS now available on STN
NEWS 13 OCT 10 PCTFULL: Two new display fields added
NEWS 14 OCT 21 BIOSIS file reloaded and enhanced
NEWS 15 OCT 28 BIOSIS file segment of TOXCENTER reloaded and enhanced

NEWS EXPRESS NOVEMBER 14 CURRENT WINDOWS VERSION IS V6.01c, CURRENT
MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
AND CURRENT DISCOVER FILE IS DATED 23 SEPTEMBER 2003
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
specific topic.

All use of STN is subject to the provisions of the STN Customer
agreement. Please note that this agreement limits use to scientific
research. Use for software development or design or implementation
of commercial gateways or other similar uses is prohibited and may
result in loss of user privileges and other penalties.

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 16:37:53 ON 19 NOV 2003

=> file medline, agricola, caba, caplus, biosis, biotechno, uspatfull
COST IN U.S. DOLLARS SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST 0.21 0.21

FILE 'MEDLINE' ENTERED AT 16:38:00 ON 19 NOV 2003

FILE 'AGRICOLA' ENTERED AT 16:38:00 ON 19 NOV 2003

FILE 'CABA' ENTERED AT 16:38:00 ON 19 NOV 2003
COPYRIGHT (C) 2003 CAB INTERNATIONAL (CABI)

FILE 'CAPLUS' ENTERED AT 16:38:00 ON 19 NOV 2003
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'BIOSIS' ENTERED AT 16:38:00 ON 19 NOV 2003
COPYRIGHT (C) 2003 BIOLOGICAL ABSTRACTS INC.(R)

FILE 'BIOTECHNO' ENTERED AT 16:38:00 ON 19 NOV 2003
COPYRIGHT (C) 2003 Elsevier Science B.V., Amsterdam. All rights reserved.

FILE 'USPATFULL' ENTERED AT 16:38:00 ON 19 NOV 2003
CA INDEXING COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

=> s (heim, u? or hein u?)/au
L1 333 (HEIM, U? OR HEIN U?)/AU

=> s sucrose(w)binding(w)protein
L2 152 SUCROSE(W) BINDING(W) PROTEIN

=> s l1 and l2
L3 6 L1 AND L2

=> duplicate remove l3
DUPLICATE PREFERENCE IS 'AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO'
KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n
PROCESSING COMPLETED FOR L3
L4 2 DUPLICATE REMOVE L3 (4 DUPLICATES REMOVED)

=> d l4 1-2 ti

L4 ANSWER 1 OF 2 AGRICOLA Compiled and distributed by the National
Agricultural Library of the Department of Agriculture of the United States
of America. It contains copyrighted materials. All rights reserved.
(2003) on STN DUPLICATE 1

TI Expression patterns and subcellular localization of a 52kDa
sucrose-binding protein homologue of Vicia
faba (VfSBPL) suggest different functions during development.

L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS on STN
TI Seed-specific expression cassettes using the promoter and signal sequence
of a **sucrose-binding protein** gene of broad
bean

=> d l4 1-2 bib

L4 ANSWER 1 OF 2 AGRICOLA Compiled and distributed by the National
Agricultural Library of the Department of Agriculture of the United States
of America. It contains copyrighted materials. All rights reserved.
(2003) on STN DUPLICATE 1

AN 2002:25393 AGRICOLA

DN IND23254643

TI Expression patterns and subcellular localization of a 52kDa
sucrose-binding protein homologue of Vicia
faba (VfSBPL) suggest different functions during development.

AU Heim, U.; Wang, Q.; Kurz, T.; Borisjuk, L.; Golombek, S.;
Neubohn, B.; Adler, K.; Gahrtz, M.; Sauer, N.; Weber, H.; Wobus, U.

SO Plant molecular biology, Nov 2001. Vol. 47, No. 4. p. 461-474
Publisher: Dordrecht : Kluwer Academic Publishers.
CODEN: PMBIDB; ISSN: 0167-4412

NTE Includes references
 CY Netherlands
 DT Article
 FS Non-U.S. Imprint other than FAO
 LA English

 L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 2000:314852 CAPLUS
 DN 132:330614
 TI Seed-specific expression cassettes using the promoter and signal sequence
 of a **sucrose-binding protein** gene of broad
 bean
 IN Heim, Ute; Weber, Hans
 PA Institut fur Pflanzengenetik Und Kulturpflanzenfor- Schung, Germany
 SO PCT Int. Appl., 24 pp.
 CODEN: PIXXD2
 DT Patent
 LA German
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000026388	A2	20000511	WO 1999-DE3432	19991027
	WO 2000026388	A3	20000803		
	W:	AE, AL, AM, AU, AZ, BA, BB, BG, BR, BY, CA, CN, CR, CU, CZ, DM, EE, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, RO, RU, SD, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	DE 19852195	A1	20000518	DE 1998-19852195	19981104
	DE 19852195	C2	20001102		
	BR 9915052	A	20010717	BR 1999-15052	19991027
	EP 1127146	A2	20010829	EP 1999-962041	19991027
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
	JP 2003502009	T2	20030121	JP 2000-579760	19991027
	ZA 2001003557	A	20020604	ZA 2001-3557	20010503
PRAI	DE 1998-19852195	A	19981104		
	WO 1999-DE3432	W	19991027		

=> d his

(FILE 'HOME' ENTERED AT 16:37:53 ON 19 NOV 2003)

FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO, USPATFULL'
 ENTERED AT 16:38:00 ON 19 NOV 2003

L1 333 S (HEIM, U? OR HEIN U?)/AU
 L2 152 S SUCROSE(W) BINDING(W) PROTEIN
 L3 6 S L1 AND L2
 L4 2 DUPLICATE REMOVE L3 (4 DUPLICATES REMOVED)

=> s l2 not l1
 L5 146 L2 NOT L1

=> s l5 and seed
 L6 65 L5 AND SEED

=> s l6 and promoter
 L7 11 L6 AND PROMOTER

=> duplicate remove l7
 DUPLICATE PREFERENCE IS 'MEDLINE, CABA, CAPLUS, BIOSIS, BIOTECHNO, USPATFULL'

KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n

PROCESSING COMPLETED FOR L7

L8 7 DUPLICATE REMOVE L7 (4 DUPLICATES REMOVED)

=> d l8 1-7 ti

L8 ANSWER 1 OF 7 USPATFULL on STN

TI Method of modifying plant characters by the targeted expression of a cell cycle control protein

L8 ANSWER 2 OF 7 USPATFULL on STN

TI Genes involved in tolerance to environmental stress

L8 ANSWER 3 OF 7 USPATFULL on STN

TI Sucrose-binding proteins

L8 ANSWER 4 OF 7 MEDLINE on STN

DUPLICATE 1

TI Protein sorting and expression of a unique soybean cotyledon protein, GmSBP, destined for the protein storage vacuole.

L8 ANSWER 5 OF 7 USPATFULL on STN

TI Nucleic acids encoding sucrose-binding proteins

L8 ANSWER 6 OF 7 CAPLUS COPYRIGHT 2003 ACS on STN

TI Method for production of leguminous plants with increased protein content in seeds and longer seed maturation

L8 ANSWER 7 OF 7 MEDLINE on STN

TI Expression patterns and subcellular localization of a 52 kDa **sucrose-binding protein** homologue of *Vicia faba* (VfSBPL) suggest different functions during development.

=> d l8 1-7 bib

L8 ANSWER 1 OF 7 USPATFULL on STN

AN 2003:245987 USPATFULL

TI Method of modifying plant characters by the targeted expression of a cell cycle control protein

IN John, Peter Crook Lloyd, Farrer, AUSTRALIA

Zhang, Kerong, Palmerston, AUSTRALIA

Sek, Francis John, Monash, AUSTRALIA

Van Camp, Wim, Sint-Denys-Westrem, BELGIUM

PI US 2003172404 A1 20030911

AI US 2002-122085 A1 20020410 (10)

RLI Continuation-in-part of Ser. No. US 2000-513504, filed on 25 Feb 2000, ABANDONED

PRAI US 1999-121870P 19990226 (60)

US 1999-149049P 19990816 (60)

DT Utility

FS APPLICATION

LREP GREENLEE WINNER AND SULLIVAN P C, 5370 MANHATTAN CIRCLE, SUITE 201, BOULDER, CO, 80303

CLMN Number of Claims: 58

ECL Exemplary Claim: 1

DRWN 13 Drawing Page(s)

LN.CNT 3460

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L8 ANSWER 2 OF 7 USPATFULL on STN

AN 2003:232094 USPATFULL

TI Genes involved in tolerance to environmental stress

IN Verbruggen, Nathalie, Ixelles, BELGIUM

PA CropDesign N.V. (non-U.S. corporation)

PI US 2003162294 A1 20030828

AI US 2003-342224 A1 20030113 (10)
RLI Continuation of Ser. No. US 762154, ABANDONED A 371 of International
Ser. No. WO 1999-EP5652, filed on 4 Aug 1999, UNKNOWN
PRAI EP 1998-202634 19980804
DT Utility
FS APPLICATION
LREP LAHIVE & COCKFIELD, 28 STATE STREET, BOSTON, MA, 02109
CLMN Number of Claims: 36
ECL Exemplary Claim: 1
DRWN 15 Drawing Page(s)
LN.CNT 10782
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L8 ANSWER 3 OF 7 USPATFULL on STN
AN 2003:88022 USPATFULL
TI Sucrose-binding proteins
IN Grimes, Howard D., Pullman, WA, UNITED STATES
Chao, Wun S., Pullman, WA, UNITED STATES
PA Washington State University Research Foundation (U.S. corporation)
PI US 2003061634 A1 20030327
AI US 2002-155805 A1 20020524 (10)
RLI Division of Ser. No. US 1999-424283, filed on 19 Nov 1999, GRANTED, Pat.
No. US 6437219 A 371 of International Ser. No. WO 1998-US10465, filed on
21 May 1998, PENDING
PRAI US 1997-47568P 19970522 (60)
DT Utility
FS APPLICATION
LREP KLARQUIST SPARKMAN, LLP, One World Trade Center, Suite 1600, 121 S.W.
Salmon Street, Portland, OR, 97204
CLMN Number of Claims: 20
ECL Exemplary Claim: 1
DRWN 3 Drawing Page(s)
LN.CNT 1836
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L8 ANSWER 4 OF 7 MEDLINE on STN DUPLICATE 1
AN 2003480202 MEDLINE
DN 22920182 PubMed ID: 14558667
TI Protein sorting and expression of a unique soybean cotyledon protein,
GmSBP, destined for the protein storage vacuole.
AU Elmer Aaron; Chao Wun; Grimes Howard
CS Program in Plant Physiology, School of Molecular Sciences, Washington
State University, Pullman, WA 99164-4234, USA.
SO PLANT MOLECULAR BIOLOGY, (2003 Jul) 52 (5) 1089-106.
Journal code: 9106343. ISSN: 0167-4412.
CY Netherlands
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
OS GENBANK-AY234869
EM 200310
ED Entered STN: 20031016
Last Updated on STN: 20031029
Entered Medline: 20031028

L8 ANSWER 5 OF 7 USPATFULL on STN
AN 2002:209743 USPATFULL
TI Nucleic acids encoding sucrose-binding proteins
IN Grimes, Howard D., Pullman, WA, United States
Chao, Wun S., Pullman, WA, United States
PA Washington State University Research Foundation, Pullman, WA, United
States (U.S. corporation)
PI US 6437219 B1 20020820
WO 9853086 19981126
AI US 1999-424283 19991119 (9)

WO 1998-US10465

19980521

19991119 PCT 371 date

PRAI US 1997-47568P 19970522 (60)

DT Utility

FS GRANTED

EXNAM Primary Examiner: Fox, David T.; Assistant Examiner: Kubelik, Anne

LREP Klarquist Sparkman, LLP

CLMN Number of Claims: 4

ECL Exemplary Claim: 1

DRWN 3 Drawing Figure(s); 3 Drawing Page(s)

LN.CNT 1822

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L8 ANSWER 6 OF 7 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2001:748019 CAPLUS

DN 135:299476

TI Method for production of leguminous plants with increased protein content in seeds and longer seed maturation

IN Weber, Hans; Saalbach, Isolde; Giersberg, Martin; Hoffmeister, Petra

PA Institut Fuer Pflanzengenetik Und Kulturpflanzen Forschung, Germany

SO PCT Int. Appl., 20 pp.

CODEN: PIXXD2

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001075128	A2	20011011	WO 2001-DE1208	20010323
	WO 2001075128	A3	20020404		
	W:				
	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW:				
	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	DE 10115762	A1	20011206	DE 2001-10115762	20010323
	EP 1268831	A2	20030102	EP 2001-940107	20010323
	R:				
	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
PRAI	DE 2000-10015989	A	20000331		
	WO 2001-DE1208	W	20010323		

L8 ANSWER 7 OF 7 MEDLINE on STN

AN 2001566555 MEDLINE

DN 21525742 PubMed ID: 11669572

TI Expression patterns and subcellular localization of a 52 kDa

sucrose-binding protein homologue of Vicia

faba (VfSBPL) suggest different functions during development.

AU Hei U; Wang Q; Kurz T; Borisjuk L; Golombek S; Neubohn B; Adler K; Gahrtz M; Sauer N; Weber H; Wob U

CS Institut fur Pflanzengenetik und Kulturpflanzenforschung, Gatersleben, Germany.

SO PLANT MOLECULAR BIOLOGY, (2001 Nov) 47 (4) 461-74.

Journal code: 9106343. ISSN: 0167-4412.

CY Netherlands

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

OS GENBANK-AJ292221

EM 200112

ED Entered STN: 20011024

Last Updated on STN: 20020122

Entered Medline: 20011204

=> d his

(FILE 'HOME' ENTERED AT 16:37:53 ON 19 NOV 2003)

FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO, USPATFULL'
ENTERED AT 16:38:00 ON 19 NOV 2003

L1 333 S (HEIM, U? OR HEIN U?)/AU
L2 152 S SUCROSE(W)BINDING(W)PROTEIN
L3 6 S L1 AND L2
L4 2 DUPLICATE REMOVE L3 (4 DUPLICATES REMOVED)
L5 146 S L2 NOT L1
L6 65 S L5 AND SEED
L7 11 S L6 AND PROMOTER
L8 7 DUPLICATE REMOVE L7 (4 DUPLICATES REMOVED)

=> logoff

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

24.45

24.66

STN INTERNATIONAL LOGOFF AT 16:41:07 ON 19 NOV 2003

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:sssptal600cxc

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 SEP 09 CA/CAPlus records now contain indexing from 1907 to the
present
NEWS 4 AUG 05 New pricing for EUROPATFULL and PCTFULL effective
August 1, 2003
NEWS 5 AUG 13 Field Availability (/FA) field enhanced in BEILSTEIN
NEWS 6 AUG 18 Data available for download as a PDF in RDISCLOSURE
NEWS 7 AUG 18 Simultaneous left and right truncation added to PASCAL
NEWS 8 AUG 18 FROSTI and KOSMET enhanced with Simultaneous Left and Right
Truncation
NEWS 9 AUG 18 Simultaneous left and right truncation added to ANABSTR
NEWS 10 SEP 22 DIPPR file reloaded
NEWS 11 SEP 25 INPADOC: Legal Status data to be reloaded
NEWS 12 SEP 29 DISSABS now available on STN
NEWS 13 OCT 10 PCTFULL: Two new display fields added
NEWS 14 OCT 21 BIOSIS file reloaded and enhanced
NEWS 15 OCT 28 BIOSIS file segment of TOXCENTER reloaded and enhanced

NEWS EXPRESS NOVEMBER 14 CURRENT WINDOWS VERSION IS V6.01c, CURRENT
MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
AND CURRENT DISCOVER FILE IS DATED 23 SEPTEMBER 2003
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
specific topic.

All use of STN is subject to the provisions of the STN Customer
agreement. Please note that this agreement limits use to scientific
research. Use for software development or design or implementation
of commercial gateways or other similar uses is prohibited and may
result in loss of user privileges and other penalties.

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 16:37:53 ON 19 NOV 2003

=> file medline, agricola, caba, caplus, biosis, biotechno, uspatfull		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'MEDLINE' ENTERED AT 16:38:00 ON 19 NOV 2003

FILE 'AGRICOLA' ENTERED AT 16:38:00 ON 19 NOV 2003

FILE 'CABA' ENTERED AT 16:38:00 ON 19 NOV 2003
COPYRIGHT (C) 2003 CAB INTERNATIONAL (CABI)

FILE 'CAPLUS' ENTERED AT 16:38:00 ON 19 NOV 2003
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'BIOSIS' ENTERED AT 16:38:00 ON 19 NOV 2003
COPYRIGHT (C) 2003 BIOLOGICAL ABSTRACTS INC.(R)

FILE 'BIOTECHNO' ENTERED AT 16:38:00 ON 19 NOV 2003
COPYRIGHT (C) 2003 Elsevier Science B.V., Amsterdam. All rights reserved.

FILE 'USPATFULL' ENTERED AT 16:38:00 ON 19 NOV 2003
CA INDEXING COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

=> s (heim, u? or hein u?)/au
L1 333 (HEIM, U? OR HEIN U?)/AU

=> s sucrose(w)binding(w)protein
L2 152 SUCROSE(W) BINDING(W) PROTEIN

=> s l1 and l2
L3 6 L1 AND L2

=> duplicate remove l3
DUPLICATE PREFERENCE IS 'AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO'
KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n
PROCESSING COMPLETED FOR L3
L4 2 DUPLICATE REMOVE L3 (4 DUPLICATES REMOVED)

=> d l4 1-2 ti

L4 ANSWER 1 OF 2 AGRICOLA Compiled and distributed by the National
Agricultural Library of the Department of Agriculture of the United States
of America. It contains copyrighted materials. All rights reserved.
(2003) on STN DUPLICATE 1
TI Expression patterns and subcellular localization of a 52kDa
sucrose-binding protein homologue of Vicia
faba (VfSBPL) suggest different functions during development.
L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS on STN
TI Seed-specific expression cassettes using the promoter and signal sequence
of a **sucrose-binding protein** gene of broad
bean

=> d l4 1-2 bib

L4 ANSWER 1 OF 2 AGRICOLA Compiled and distributed by the National
Agricultural Library of the Department of Agriculture of the United States
of America. It contains copyrighted materials. All rights reserved.
(2003) on STN DUPLICATE 1
AN 2002:25393 AGRICOLA
DN IND23254643
TI Expression patterns and subcellular localization of a 52kDa
sucrose-binding protein homologue of Vicia
faba (VfSBPL) suggest different functions during development.
AU Heim, U.; Wang, Q.; Kurz, T.; Borisjuk, L.; Golombek, S.;
Neubohn, B.; Adler, K.; Gahrtz, M.; Sauer, N.; Weber, H.; Wobus, U.
SO Plant molecular biology, Nov 2001. Vol. 47, No. 4. p. 461-474
Publisher: Dordrecht : Kluwer Academic Publishers.
CODEN: PMBIDB; ISSN: 0167-4412

NTE Includes references
 CY Netherlands
 DT Article
 FS Non-U.S. Imprint other than FAO
 LA English

L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 2000:314852 CAPLUS
 DN 132:330614
 TI Seed-specific expression cassettes using the promoter and signal sequence
 of a **sucrose-binding protein** gene of broad
 bean
 IN Heim, Ute; Weber, Hans
 PA Institut fur Pflanzengenetik Und Kulturpflanzenfor- Schung, Germany
 SO PCT Int. Appl., 24 pp.
 CODEN: PIXXD2
 DT Patent
 LA German
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000026388	A2	20000511	WO 1999-DE3432	19991027
	WO 2000026388	A3	20000803		
	W:		AE, AL, AM, AU, AZ, BA, BB, BG, BR, BY, CA, CN, CR, CU, CZ, DM, EE, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, RO, RU, SD, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM		
	RW:		GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG		
	DE 19852195	A1	20000518	DE 1998-19852195	19981104
	DE 19852195	C2	20001102		
	BR 9915052	A	20010717	BR 1999-15052	19991027
	EP 1127146	A2	20010829	EP 1999-962041	19991027
	R:		AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO		
	JP 2003502009	T2	20030121	JP 2000-579760	19991027
	ZA 2001003557	A	20020604	ZA 2001-3557	20010503
PRAI	DE 1998-19852195	A	19981104		
	WO 1999-DE3432	W	19991027		

=> d his

(FILE 'HOME' ENTERED AT 16:37:53 ON 19 NOV 2003)

FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO, USPATFULL'
 ENTERED AT 16:38:00 ON 19 NOV 2003

L1 333 S (HEIM, U? OR HEIN U?)/AU
 L2 152 S SUCROSE(W)BINDING(W)PROTEIN
 L3 6 S L1 AND L2
 L4 2 DUPLICATE REMOVE L3 (4 DUPLICATES REMOVED)

=> s 12 not 11

L5 146 L2 NOT L1

=> s 15 and seed

L6 65 L5 AND SEED

=> s 16 and promoter

L7 11 L6 AND PROMOTER

=> duplicate remove 17

DUPLICATE PREFERENCE IS 'MEDLINE, CABA, CAPLUS, BIOSIS, BIOTECHNO, USPATFULL'

KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n

PROCESSING COMPLETED FOR L7

L8 7 DUPLICATE REMOVE L7 (4 DUPLICATES REMOVED)

=> d l8 1-7 ti

L8 ANSWER 1 OF 7 USPATFULL on STN

TI Method of modifying plant characters by the targeted expression of a cell cycle control protein

L8 ANSWER 2 OF 7 USPATFULL on STN

TI Genes involved in tolerance to environmental stress

L8 ANSWER 3 OF 7 USPATFULL on STN

TI Sucrose-binding proteins

L8 ANSWER 4 OF 7 MEDLINE on STN

DUPLICATE 1

TI Protein sorting and expression of a unique soybean cotyledon protein, GmSBP, destined for the protein storage vacuole.

L8 ANSWER 5 OF 7 USPATFULL on STN

TI Nucleic acids encoding sucrose-binding proteins

L8 ANSWER 6 OF 7 CAPLUS COPYRIGHT 2003 ACS on STN

TI Method for production of leguminous plants with increased protein content in seeds and longer seed maturation

L8 ANSWER 7 OF 7 MEDLINE on STN

TI Expression patterns and subcellular localization of a 52 kDa sucrose-binding protein homologue of Vicia faba (VfSBPL) suggest different functions during development.

=> d l8 1-7 bib

L8 ANSWER 1 OF 7 USPATFULL on STN

AN 2003:245987 USPATFULL

TI Method of modifying plant characters by the targeted expression of a cell cycle control protein

IN John, Peter Crook Lloyd, Farrer, AUSTRALIA

Zhang, Kerong, Palmerston, AUSTRALIA

Sek, Francis John, Monash, AUSTRALIA

Van Camp, Wim, Sint-Denys-Westrem, BELGIUM

PI US 2003172404 A1 20030911

AI US 2002-122085 A1 20020410 (10)

RLI Continuation-in-part of Ser. No. US 2000-513504, filed on 25 Feb 2000, ABANDONED

PRAI US 1999-121870P 19990226 (60)

US 1999-149049P 19990816 (60)

DT Utility

FS APPLICATION

LREP GREENLEE WINNER AND SULLIVAN P C, 5370 MANHATTAN CIRCLE, SUITE 201, BOULDER, CO, 80303

CLMN Number of Claims: 58

ECL Exemplary Claim: 1

DRWN 13 Drawing Page(s)

LN.CNT 3460

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L8 ANSWER 2 OF 7 USPATFULL on STN

AN 2003:232094 USPATFULL

TI Genes involved in tolerance to environmental stress

IN Verbruggen, Nathalie, Ixelles, BELGIUM

PA CropDesign N.V. (non-U.S. corporation)

PI US 2003162294 A1 20030828

AI US 2003-342224 A1 20030113 (10)
RLI Continuation of Ser. No. US 762154, ABANDONED A 371 of International
Ser. No. WO 1999-EP5652, filed on 4 Aug 1999, UNKNOWN
PRAI EP 1998-202634 19980804
DT Utility
FS APPLICATION
LREP LAHIVE & COCKFIELD, 28 STATE STREET, BOSTON, MA, 02109
CLMN Number of Claims: 36
ECL Exemplary Claim: 1
DRWN 15 Drawing Page(s)
LN.CNT 10782
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L8 ANSWER 3 OF 7 USPATFULL on STN
AN 2003:88022 USPATFULL
TI Sucrose-binding proteins
IN Grimes, Howard D., Pullman, WA, UNITED STATES
Chao, Wun S., Pullman, WA, UNITED STATES
PA Washington State University Research Foundation (U.S. corporation)
PI US 2003061634 A1 20030327
AI US 2002-155805 A1 20020524 (10)
RLI Division of Ser. No. US 1999-424283, filed on 19 Nov 1999, GRANTED, Pat.
No. US 6437219 A 371 of International Ser. No. WO 1998-US10465, filed on
21 May 1998, PENDING
PRAI US 1997-47568P 19970522 (60)
DT Utility
FS APPLICATION
LREP KLARQUIST SPARKMAN, LLP, One World Trade Center, Suite 1600, 121 S.W.
Salmon Street, Portland, OR, 97204
CLMN Number of Claims: 20
ECL Exemplary Claim: 1
DRWN 3 Drawing Page(s)
LN.CNT 1836
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L8 ANSWER 4 OF 7 MEDLINE on STN DUPLICATE 1
AN 2003480202 MEDLINE
DN 22920182 PubMed ID: 14558667
TI Protein sorting and expression of a unique soybean cotyledon protein,
GmSBP, destined for the protein storage vacuole.
AU Elmer Aaron; Chao Wun; Grimes Howard
CS Program in Plant Physiology, School of Molecular Sciences, Washington
State University, Pullman, WA 99164-4234, USA.
SO PLANT MOLECULAR BIOLOGY, (2003 Jul) 52 (5) 1089-106.
Journal code: 9106343. ISSN: 0167-4412.
CY Netherlands
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
OS GENBANK-AY234869
EM 200310
ED Entered STN: 20031016
Last Updated on STN: 20031029
Entered Medline: 20031028

L8 ANSWER 5 OF 7 USPATFULL on STN
AN 2002:209743 USPATFULL
TI Nucleic acids encoding sucrose-binding proteins
IN Grimes, Howard D., Pullman, WA, United States
Chao, Wun S., Pullman, WA, United States
PA Washington State University Research Foundation, Pullman, WA, United
States (U.S. corporation)
PI US 6437219 B1 20020820
WO 9853086 19981126
AI US 1999-424283 19991119 (9)

WO 1998-US10465 19980521
 19991119 PCT 371 date
 PRAI US 1997-47568P 19970522 (60)
 DT Utility
 FS GRANTED
 EXNAM Primary Examiner: Fox, David T.; Assistant Examiner: Kubelik, Anne
 LREP Klarquist Sparkman, LLP
 CLMN Number of Claims: 4
 ECL Exemplary Claim: 1
 DRWN 3 Drawing Figure(s); 3 Drawing Page(s)
 LN.CNT 1822
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L8 ANSWER 6 OF 7 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 2001:748019 CAPLUS
 DN 135:299476
 TI Method for production of leguminous plants with increased protein content
 in seeds and longer seed maturation
 IN Weber, Hans; Saalbach, Isolde; Giersberg, Martin; Hoffmeister, Petra
 PA Institut Fuer Pflanzengenetik Und Kulturpflanzen Forschung, Germany
 SO PCT Int. Appl., 20 pp.
 CODEN: PIXXD2

DT Patent
 LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001075128	A2	20011011	WO 2001-DE1208	20010323
	WO 2001075128	A3	20020404		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	DE 10115762	A1	20011206	DE 2001-10115762	20010323
	EP 1268831	A2	20030102	EP 2001-940107	20010323
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
PRAI	DE 2000-10015989	A	20000331		
	WO 2001-DE1208	W	20010323		

L8 ANSWER 7 OF 7 MEDLINE on STN
 AN 2001566555 MEDLINE
 DN 21525742 PubMed ID: 11669572
 TI Expression patterns and subcellular localization of a 52 kDa
sucrose-binding protein homologue of Vicia
 faba (VfSBPL) suggest different functions during development.
 AU Hei U; Wang Q; Kurz T; Borisjuk L; Golombek S; Neubohn B; Adler K; Gahrtz
 M; Sauer N; Weber H; Wob U
 CS Institut fur Pflanzengenetik und Kulturpflanzenforschung, Gatersleben,
 Germany.
 SO PLANT MOLECULAR BIOLOGY, (2001 Nov) 47 (4) 461-74.
 Journal code: 9106343. ISSN: 0167-4412.
 CY Netherlands
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 OS GENBANK-AJ292221
 EM 200112
 ED Entered STN: 20011024
 Last Updated on STN: 20020122

Entered Medline: 20011204

=> d his

(FILE 'HOME' ENTERED AT 16:37:53 ON 19 NOV 2003)

FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO, USPATFULL'
ENTERED AT 16:38:00 ON 19 NOV 2003

L1 333 S (HEIM, U? OR HEIN U?)/AU
L2 152 S SUCROSE(W)BINDING(W)PROTEIN
L3 6 S L1 AND L2
L4 2 DUPLICATE REMOVE L3 (4 DUPLICATES REMOVED)
L5 146 S L2 NOT L1
L6 65 S L5 AND SEED
L7 11 S L6 AND PROMOTER
L8 7 DUPLICATE REMOVE L7 (4 DUPLICATES REMOVED)

=> logoff

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	24.45	24.66

STN INTERNATIONAL LOGOFF AT 16:41:07 ON 19 NOV 2003